

Title (en)
METHOD AND DEVICE FOR DISPERSION SLOPE COMPENSATION

Title (de)
VERFAHREN UND VORRICHTUNG FÜR DISPERSIONSSTEIGUNGS AUSGLEICH

Title (fr)
PROCÉDÉ ET DISPOSITIF DE COMPENSATION DE PENTE DE DISPERSION

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Application
EP 10748296 A 20100112

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Abstract (en)
[origin: EP2405597A1] Embodiments of the present invention disclose a dispersion slope compensation method and apparatus, which relates to the field of communication. The method includes: performing dispersion slope compensation on a main optical channel; and dividing the main optical channel into a preset number of sub-bands, and performing the dispersion slope compensation on each sub-band. The apparatus includes: a main optical channel compensation module, a band-division module and a compensation module. The method and apparatus have the following beneficial effects. The dispersion slope compensation is performed on the main optical channel, and then band division is performed on the main optical channel after the compensation, and the dispersion slope compensation is performed on each sub-band. The configuration of the method is simple, the number of the sub-bands is few, and the cost is dramatically reduced as compared with the dispersion slope compensation method in the prior art.

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Citation (search report)
• [I] EP 1349301 A2 20031001 - FUJITSU LTD [JP]
• [A] EP 1094625 A2 20010425 - NIPPON TELEGRAPH & TELEPHONE [JP]
• [A] US 2004234192 A1 20041125 - MADSEN CHRISTI KAY [US]

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